

AMSAT News Service Weekly Bulletins

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AMSAT NEWS SERVICE

ANS-180

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on <http://www.amsat.org> publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

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ANS-159 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 180.01

From AMSAT HQ SILVER SPRING, MD.

June 30, 2014

To All RADIO AMATEURS

BID: \$ANS-180.01

AMSAT Symposium Events and Tours

The AMSAT Symposium committee had a meeting this past weekend and made some decisions on tours that will be held in conjunction with the symposium.

Note that we will have two events scheduled Sunday morning (October 12)--the Area Coordinators Breakfast and the ARISS Operations Team Meeting.

Similar to last year's symposium, two opportunities for tours are planned for the 2014 Space Symposium:

1) On Sunday October 12 (Afternoon), several Small Group/Light Rail tours are being planned. Symposium participants can choose one of the following tours: Baltimore Inner Harbor Tour (including the Aquarium), the B&O Railroad Museum, Edgar Allen Poe House or the National Electronics Museum

2) On Columbus Day, Monday October 13 we will take a bus to the Washington Dulles airport area to tour the Udvar Hazy Air and Space Museum. Udvar Hazy is a phenomenal museum with hundreds of aircraft and spacecraft, including the Space Shuttle Discovery, SR-71, Enola

Gay, and many others. The plan is to leave the hotel at 9 am and return around 4 pm.

In order to get maximum benefit from all the holiday weekend events, the symposium committee suggests that symposium participants consider scheduling their airline flights for no earlier than 6 pm on Monday October 13.

[ANS thanks the AMSAT Symposium Committee, for the above information]

W5PFG/P Activating DL79/DL89 Grids

Clayton, W5PFG, has announced that he will be in the Big Bend area of Texas next week.

He will operate satellite passes as his schedule allows.

June 29 - Small potential for very late evening passes from DL89
June 30 thru July 1 - Random passes from DL79/89
July 2 - Potential morning passes from DL89, evening from DM80
July 3 - Morning passes from DM80, some evening passes from DM70
July 4 - Random passes from DM80

There will be no visit to DL88jx on this trip.

[ANS thanks Clayton, W5PFG, for the above information]

Send Your Name to the Asteroid Bennu!

NASA is inviting people around the world to submit their names to be etched on a microchip aboard a spacecraft headed to the asteroid Bennu in 2016.

The "Messages to Bennu!" microchip will travel to the asteroid aboard the Origins Spectral Interpretation Resource Identification Security Regolith Explorer, or OSIRIS-REx, spacecraft. The robotic mission will spend more than two years at the asteroid, which has a width of approximately 1,760 feet (500 meters). The spacecraft will collect a sample of Bennu's surface and return it to Earth in a sample return capsule.

The deadline to submit names online is Sept. 30, 2014. Participants who submit their names to the "Messages to Bennu!" campaign will be able to print a certificate of appreciation to document their involvement.

For more information and to submit your name, visit <http://planetary.org/bennu>.

Participants who "follow" or "like" the mission on Facebook (<https://www.facebook.com/OSIRISREx>) will receive updates on the location of their names in space from launch time until the asteroid samples return to Earth in 2023. Facebook fans also will receive mission progress and late-breaking news through regular status updates.

For more information about the OSIRIS-REx mission, visit
<http://www.nasa.gov/osiris-rex> and <http://osiris-rex.lpl.arizona.edu>.

Questions about this opportunity should be directed to
[tps\(a\)planetary.org](mailto:tps(a)planetary.org).

[ANS thanks NASA Education Express Message -- June 12, 2014 for the
above information]

ARISS News

Scheduled contacts and events:

Ufa University, Ufa, Russia, direct via TBD
Contact was successful Sat 2014-06-21 14:45 UTC (***)

An ARISS contact is planned Wednesday July 2, 2014 at 12:05:13 UTC,
which is 14:05:13 CEST.

ESA astronaut Alexander Gerst KF50N0 will answer questions from students
at DLR Project Lab, Neustrelitz, Germany.

Signals from the ISS will be audible over Europe on 145.800 FM.

The German Aerospace Center (DLR) is one of Europe's largest and most
modern research institutions. Here is where the aircraft of the future
are being
developed and pilots trained, rocket engines tested and images of distant
planets analyzed. In addition, over 7,700 DLR staff members are
investigating
next-generation high-speed trains, environmentally responsible methods of
generating energy, and much more ...

DLR_School_Lab Neustrelitz was opened in September 2011 at DLR in
Neustrelitz
in Mecklenburg-Vorpommern. Here is where the data from various
satellites are
received by means of large antennas, and subsequently processed. The
student lab
is available for visits of one or several days by school classes from
this most northerly
German state and further afield.

The contact will be conducted in German.

ARISS is requesting listener reports for the above contact. Due to
issues with the Kenwood radio that are not fully understood at present, the
Ericsson radio is going to be used for these contacts. ARISS thanks
everyone in
advance for their assistance. Feel free to send your reports to
[aj9n at amsat.org](mailto:aj9n@amsat.org) or [aj9n at aol.com](mailto:aj9n@aol.com).

From 2014-11-10 to 2014-12-07, ARISS will be going into a period of no
contacts as there will be no hams onboard.

ARISS congratulations the following mentors who have now mentored over 100 schools:

Gaston ON4WF with 117
Satoshi 7M3TJZ with 102
Francesco IK0WGF with 101

Expedition 39/40 on orbit
Steve Swanson
Aleksander Skvortsov
Oleg Artemyev

Expedition 40/41 on orbit
Maxim Suraev
Gregory Wiseman KF5LKT
Alexander Gerst KF50N0

ARISS is an international educational outreach program partnering the participating space agencies, NASA, Russian Space Agency, ESA, CNES, JAXA, and CSA, with the AMSAT and IARU organizations from participating countries.

ARISS offers an opportunity for students to experience the excitement of Amateur Radio by talking directly with crewmembers onboard the International Space Station. Teachers, parents and communities see, first hand, how Amateur Radio and crewmembers on ISS can energize youngsters' interest in science, technology and learning.

[ANS thanks Charlie, AJ9N, for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status. Contact Martha at the AMSAT Office for additional student membership information.

73,
This week's ANS Editor,
Lee McLamb, KU40S
ku40s at amsat dot org